

**Amendments to the Specification**

On page 3 of the specification, please amend the paragraph on lines 24 to 30 as follows:

The calcium-sensitive photoproteins, including Aequorin, ~~Obelin~~ Obelin, Mnemiopsin, Beroxin, Phosasin, Luciferases and photoproteins isolated from Pelagia, Cypridina and ostracods were widely researched and employed in binding assays. Furthermore, the genes of some of them have been cloned, permitting the production of large quantities. Aequorin is the most commonly studied and employed member of this group of calcium-sensitive photoproteins.